Exhibit Name: Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 6/30/2011

Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0078 Sunflower 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0051 Grain Sorghum 0091 Barley <u>Field</u> Name Record Field
Number Number <u>Field</u> Format Field Rounding Calculations Rules

<u>Calculations</u>	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Section 1: Stage Guarantee Calculation							
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'.	
	Approved Yield	P11	46	99999999.99	None		
	Coverage Level Percent	P14	34	9.9999	None		
Cottonseed Endorsement Option "SE":	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.	
Modified Yield = Approved Yield * Option Conversion Factor	Approved Yield	P11	46	99999999.99	None		
	Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".	
Guarantee Per Acre1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.		
	Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.		
	Guarantee Adjustment Factor	P11	41	0.999	None		

6/28/2011 Page 1 of 8

Exhibit Name: Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03
Record Name: Acreage Claim

Reinsurance Year: 2012 Version: Approved Release Date: 6/30/2011

 Insurance Plan Code
 02 Revenue Protection
 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0078 Sunflower

 Commodity Code
 0015 Canola
 0041 Corn
 0081 Soybeans

 0018 Rice
 0051 Grain Sorghum
 0091 Barley

Record Code: P21

0018 Rice	0051 Grain Sorghum 0091 Barley							
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>			
<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Revenue Protection, "02", Price Election Amount Calculation: Price Election Amount = (greater of Projected Price or Harvest Price) * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99].			
					When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [\$9.999].			
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".		
	Harvest Price	ADM		99999.9999	None	Edit with ADM Price, "00810".		
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".		
Revenue Protection with Harvest Price Exclusion, "03", Price Election Amount Calculation: Price Election Amount = Projected Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [\$9.999].			
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".		
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".		

6/28/2011 Page 2 of 8

Total Indemnity

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 6/30/2011

Record Code: P21 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0078 Sunflower 0011 Wheat 0021 Cotton 0015 Canola 0081 Soybeans **Commodity Code** 0041 Corn 0091 Barley 0018 Rice 0051 Grain Sorghum Field Record Field Field Field Calculations Name Number Number **Format** Rounding Rules Common Crop Insurance Policy 'revenue Round to nearest dollar and 99999999.99 protection guarantee (per acre)'. Not used in Acre Stage Guarantee Amount Internal 36 cents. determination of Loss Guarantee. Section 2: Loss Guarantee Calculation Round to nearest dollar and P21 9999999.99 Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount 46 cents. Determined Acreage * Liability Adjustment Factor **Determined Acreage** P21 17 99999999.99 None P21 38 9.999999 Liability Adjustment Factor None **Revenue Conversion Production** Round to nearest dollar and P21 46 99999999.99 to Count cents. Round to nearest whole pounds, nearest hundreth for **Production to Count Quantity** P21 34 99999999.99 tonage commodities, or Revenue Conversion
Production to Count
Production to Count Quantity * Harvest Price nearest tenths for other units of measure. Edit with ADM Price, "00810". If Harvest Price has not been released for revenue Protection, Harvest Price ADM 99999,9999 None "02", the Projected Price can be used for validation of Revenue to Count. Section 3: Indemnity Calculation Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Round to nearest dollar and Unit Deficiency Quantity P21 45 \$9999999.99 Production to Count cents. Preliminary Indemnity Amount P21 49 \$999999999 Round to whole number. Insured Share Percent P11 46 9.999 None P21 50 Indemnity Amount \$999999999 Round to whole number. Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Multiple Commodity Adjustment Adjustment Factor ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor

Internal

S999999999

Round to whole number.

6/28/2011 Page 3 of 8

∑ Indemnity Amount for the Unit

Total Indemnity

Reinsurance Year: 2012

	Record Name	Record Name: Acreage Claim Record Code: P21			Version: Approved Release Date: 6/30/2011				
	Record Code								
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Ex						
	0011 Wheat	0021 Cotton 0078 Sunflower							
Commodity Code	0015 Canola	0041 Corn 0081 Soybeans							
	0018 Rice	0051 Grain Sorghum			0091 Barley	•			
	Calculations	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	Dulas		
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules		
Section 4: Stage Guarantee		-+ Poi Fordories							
When Stage Code equals	nue Protection, "02", and Revenue Protection with Harve	st Price Exclusion, "03"	1				ı		
	= Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'.		
	Approved Yield	P11	46	99999999.99	None				
		Coverage Level Percent	P14	33	9.9999	None			
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal P11	75	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.			
		Guarantee Adjustment Factor	PII	/5	0.999				
Acre Stage Guarantee Amount =	Lesser of: (20% of Guarantee Per Acre2	Acre Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee.		
	= OR	Price Election Amount	P11	49	99999.999	None	Based on Projected Price.		
	Maximum Replant Guarantee Per Acre) * Price Election Amount	Maximum Replant Guarantee Per Acre	ICE				Edit with ICE "D00129".		
Section 5: Replant Paymen	t Loss Guarantee Calculation								
	Lesser of (20% of Guarantee Per Acre2) or Maxiumum	Loss Guarantee Amount	P21	48	99999999.99	Round to nearest dollar and cents.			
	 Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor 	Determined Acreage	P21	17	99999999.99	None			
		Liability Adjustment Factor	P21	38	9.999999	None			

6/28/2011 Page 4 of 8

Reinsurance Year: 2012 Version: Approved

Record Name: Acreage Claim Version: Approved Release Date: 6/30/2011 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection **Insurance Plan Code** 0011 Wheat 0021 Cotton 0078 Sunflower 0015 Canola 0041 Corn 0081 Soybeans **Commodity Code** 0018 Rice 0051 Grain Sorghum 0091 Barley Field Record Field Field Field **Calculations** Name Number Number **Format** Rounding Rules Section 6: Replant Payment Indemnity Calculation **Indemnity Amount** P21 51 \$999999999 Round to whole number. Indemnity Amount = Loss Guarantee Amount * Insured Share Percent Insured Share Percent P11 48 9.999 None Total Indemnity \(\sum \) Indemnity Amount for the Unit Total Indemnity Internal S9999999999 Round to whole number. Section 7: Stage Guarantee Calculation Prevented Planting Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03". When Stage Code equals: Prevented Planting Option 1, "P1", Prevented Planting Option 2, "P2", Prevented Planting Uninsured Loss, "PU", Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF" When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure Common Crop Insurance Policy 'production 99999999 99 Guarantee Per Acre1 Internal equals Tons, "Tons", then guarantee (per acre)'. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Round to 2 decimals. Otherwise, Round to 1 decimal. Approved Yield P11 99999999.99 46 None None Coverage Level Percent P14 33 9.9999 Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield 99999999.99 Share Percent) will be obtained from Cotton Internal Round to whole number. P11 record. P11 99999999.99 Modified Yield = Approved Yield * Option Conversion Factor Approved Yield 46 None Option Conversion Factor ADM 9.9999 None Edit with ADM Option Rate, "A01060". Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Guarantee Per Acre1 Internal 99999999.99 Round to whole number. Coverage Level Percent P14 34 9.9999 None

6/28/2011 Page 5 of 8

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 6/30/2011

 Insurance Plan Code
 02 Revenue Protection
 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0078 Sunflower

 Commodity Code
 0015 Canola
 0041 Corn
 0081 Soybeans

 0018 Rice
 0051 Grain Sorghum
 0091 Barley

0018 Rice	0018 Rice 0051 Grain Sorghum 0091 Barley						
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>	
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal	101	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.		
	Guarantee Adjustment Factor	P11	75	0.999	None		
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.	
	Price Election Amount	P11	49	99999.9999	None	Based on Projected Price.	
Section 8: Prevented Planting Payment Loss Guarantee Calculation							
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.		
Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None		
	Liability Adjustment Factor	P21	38	9.999999	None		
Section 9: Prevented Planting Payment Indemnity Calculation							
Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent Amount =	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.		
	Insured Share Percent	P11	47	9.999	None		
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	50	S9999999999	Round to whole number.		
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.		

6/28/2011 Page 6 of 8

Reinsurance Year: 2012 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 6/30/2011 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0011 Wheat 0021 Cotton 0078 Sunflower **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0051 Grain Sorghum 0091 Barley Field Record Field Field Field **Calculations** Name Number Number **Format** Rounding Rules Section 10: Stage Guarantee Calculation **Malting Barley Price and Quality Endorsement** Round to nearest whole pounds, nearest hundreth for Common Crop Insurance Policy 'production Internal 999999999.9 tonage commodities, or Guarantee Per Acre1 guarantee (per acre)'. nearest tenths for other units of measure. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Approved Yield P11 46 99999999.99 None 9.9999 Coverage Level Percent P14 33 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure Guarantee Per Acre2 Internal 101 99999999.99 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 75 0.999 None Common Crop Insurance Policy 'revenue Round to nearest dollar and protection guarantee (per acre)'. Not used in Acre Stage Guarantee Amount Internal 99999999.99 = Guarantee Per Acre2 * Price Election Amount Cents determination of Loss Guarantee.

P11

49

Price Election Amount

99999.9999

None

6/28/2011 Page 7 of 8

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 6/30/2011

 Insurance Plan Code
 02 Revenue Protection
 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0078 Sunflower

 0015 Canola
 0041 Corn
 0081 Soybeans

 0018 Rice
 0051 Grain Sorghum
 0091 Barley

	0018 Rice	0051 Grain Sorghum	0091 Barley				
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Section 11: Malting Barley	Loss Guarantee Calculation						
Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount =	Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.	
	Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	38	9.999999	None		
Revenue Conversion = Production to Count Quantity * Price Election Amount Production To Count	Revenue Conversion Production To Count	P21	46	99999999.99	Round to nearest dollar and cents.		
	Production to Count Quantity	P21	34	99999999.99	None		
		Price Election Amount	P11	49	99999.9999	None	
Section 12: Malting Barley	Indemnity Calculation						
Unit Deficiency Quantity	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	47	\$99999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent	=Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.	
		Insured Share Percent	P11	48	9.999	None	
Indemnity Amount =	Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	50	S9999999999	Round to whole number	
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

6/28/2011 Page 8 of 8